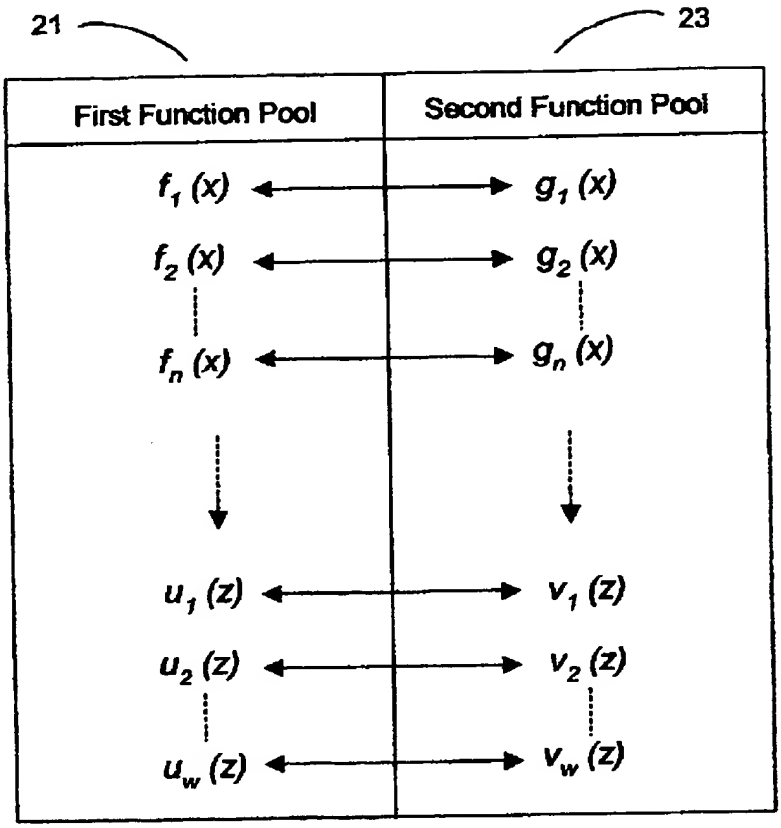
21
23
First Function Pool
Second Function Pool
$f_1(x)$
$g_1(x)$
$f_2(x)$
$g_2(x)$
$f_n(x)$
$g_n(x)$
$u_1(z)$
$v_1(z)$
$u_2(z)$
$v_2(z)$
$u_w(z)$
$v_w(z)$

FIG. 3

Replacement Sheet

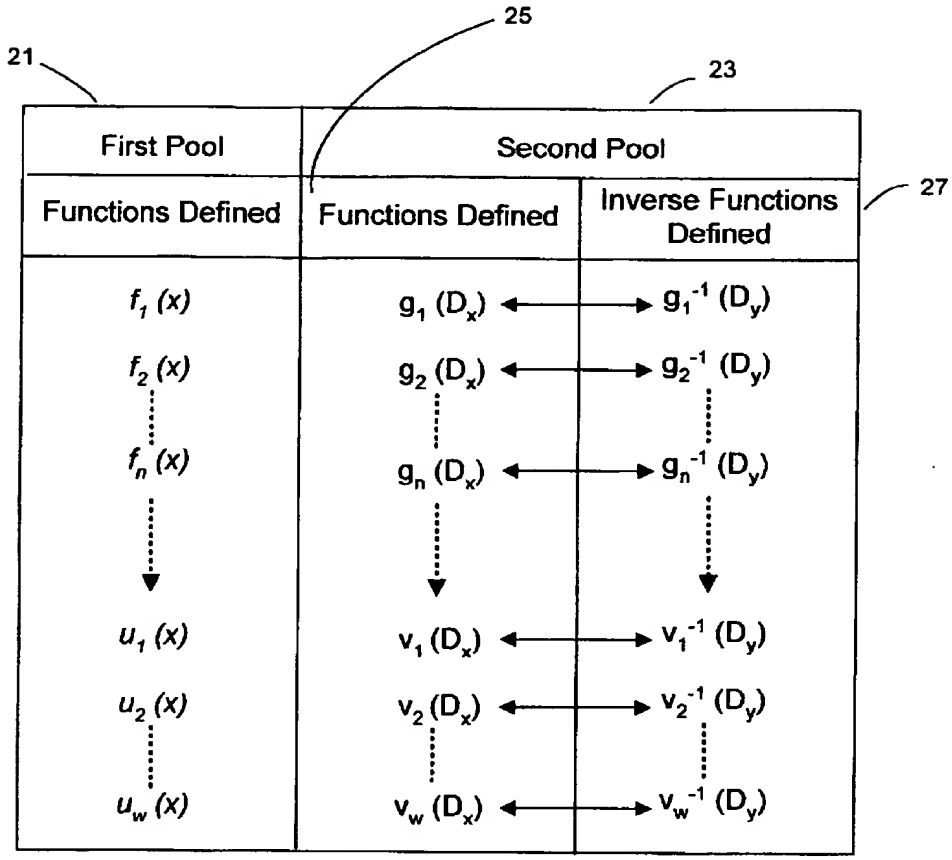

FIG. 3

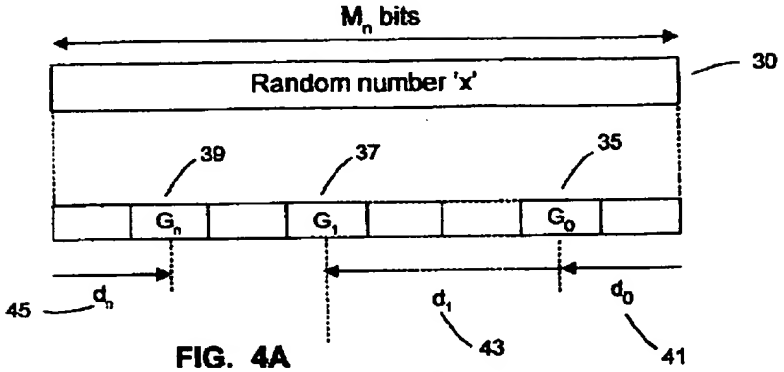

FIG. 4A

$M_{max} \leq M_n \leq M_{min}$

Replacement Sheet is on next page

Table for M_n

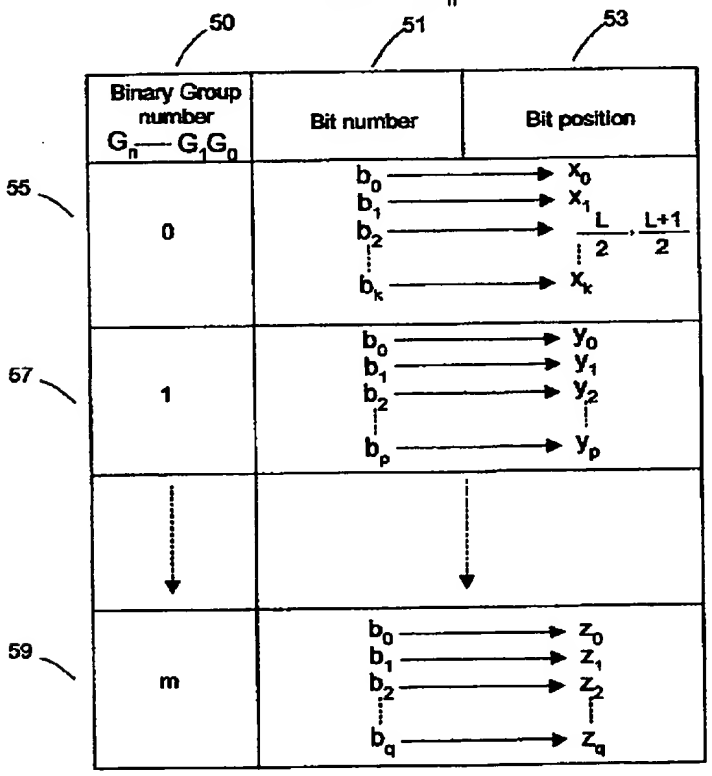

FIG. 4B

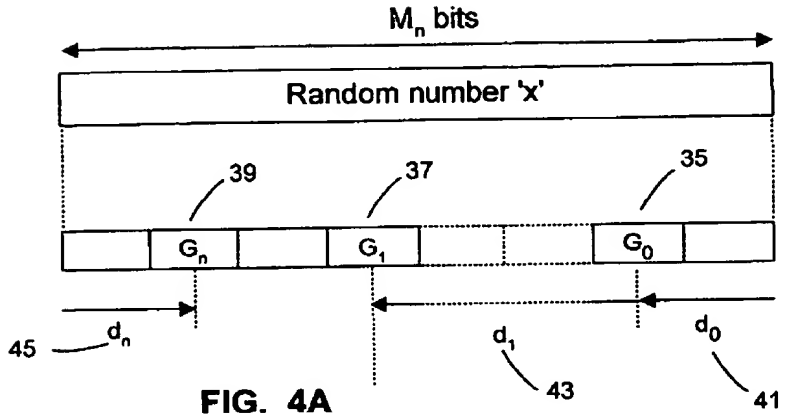

FIG. 4A

Replacement Sheet

$$M_{min} \leq M_n \leq M_{max}$$

Table for M_n

50 Binary Group number $G_n \cdots G_1 G_0$	51 Bit number	53 Bit position
55 0	b_0 b_1 b_2 ⋮ b_k	x_0 x_1 $\frac{L}{2}, \frac{L+1}{2}$ ⋮ x_k
57 1	b_0 b_1 b_2 ⋮ b_p	y_0 y_1 y_2 ⋮ y_p
⋮	⋮	⋮
59 m	b_0 b_1 b_2 ⋮ b_q	z_0 z_1 z_2 ⋮ z_q

FIG. 4B

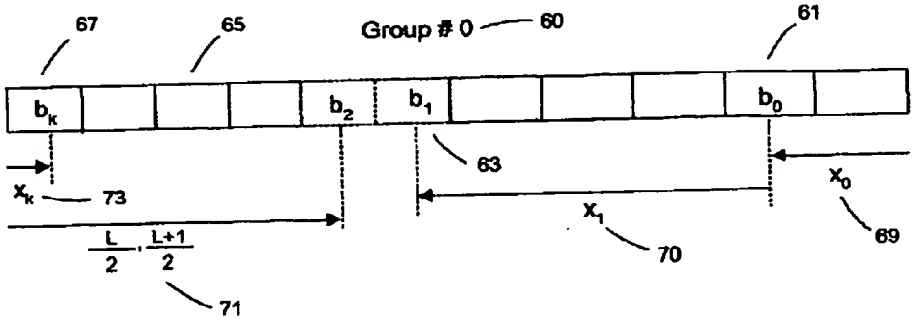

FIG. 5A

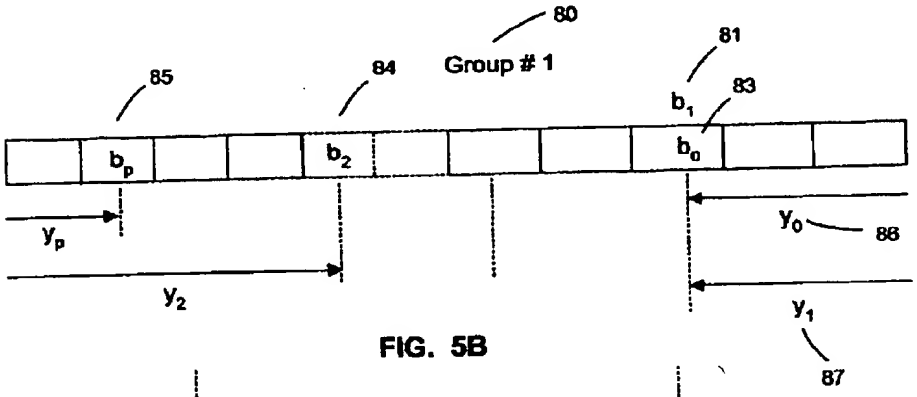

FIG. 5B

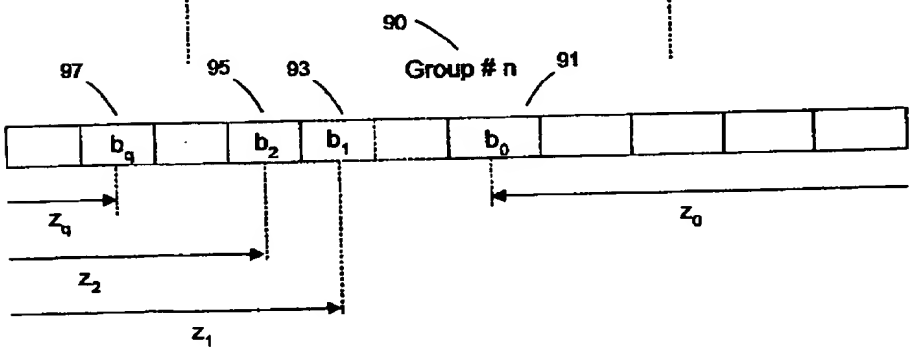

FIG. 5C

Replacement Sheet

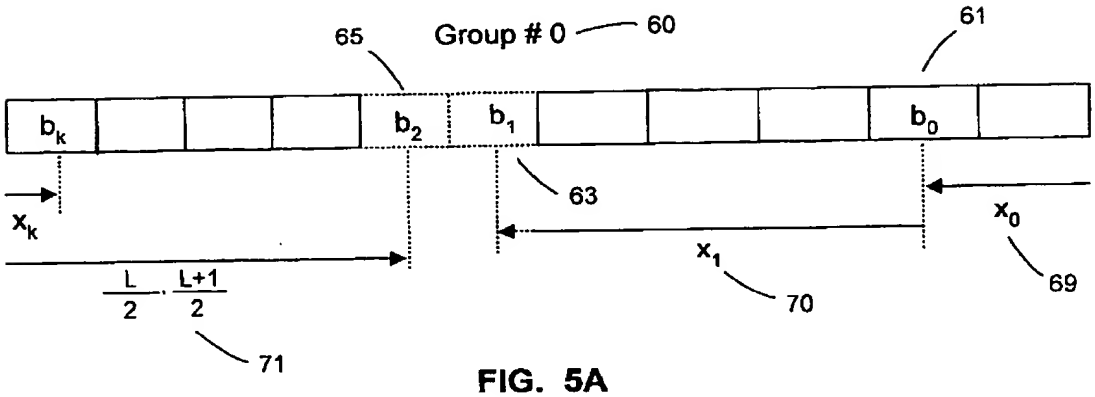

FIG. 5A

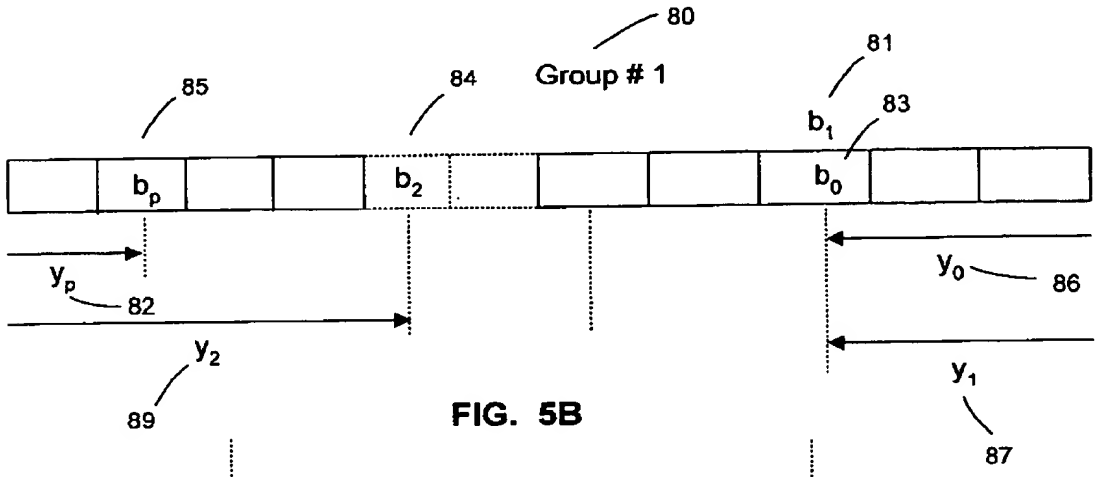

FIG. 5B

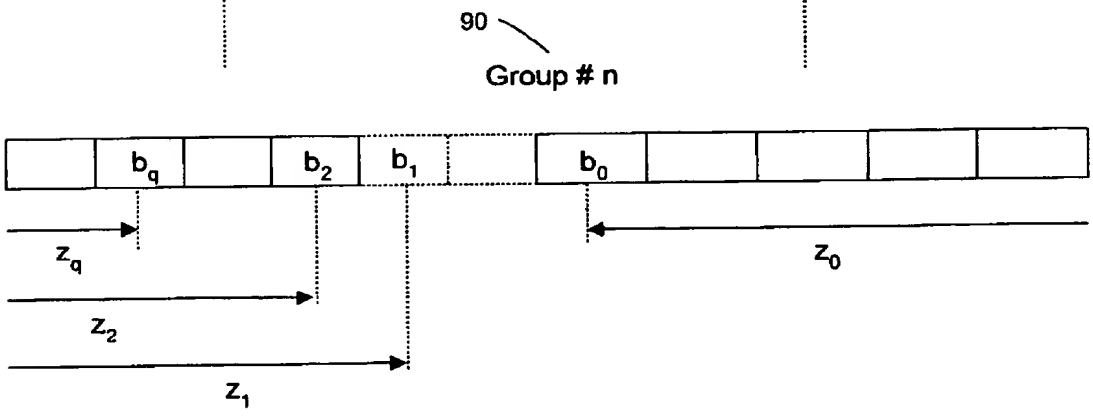

FIG. 5C

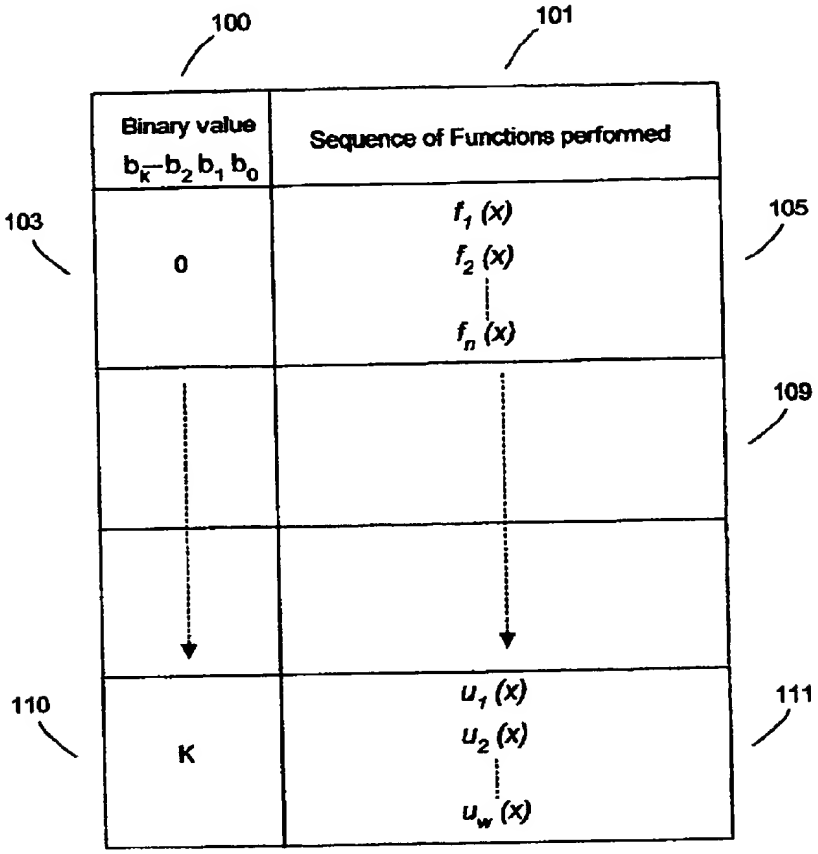
100
101
Binary value
b_K–b_2 b_1 b_0
Sequence of Functions performed
103
105
0
$f_1(x)$
$f_2(x)$
$f_n(x)$
109
110
111
K
$u_1(x)$
$u_2(x)$
$u_w(x)$

FIG. 6

Replacement Sheet

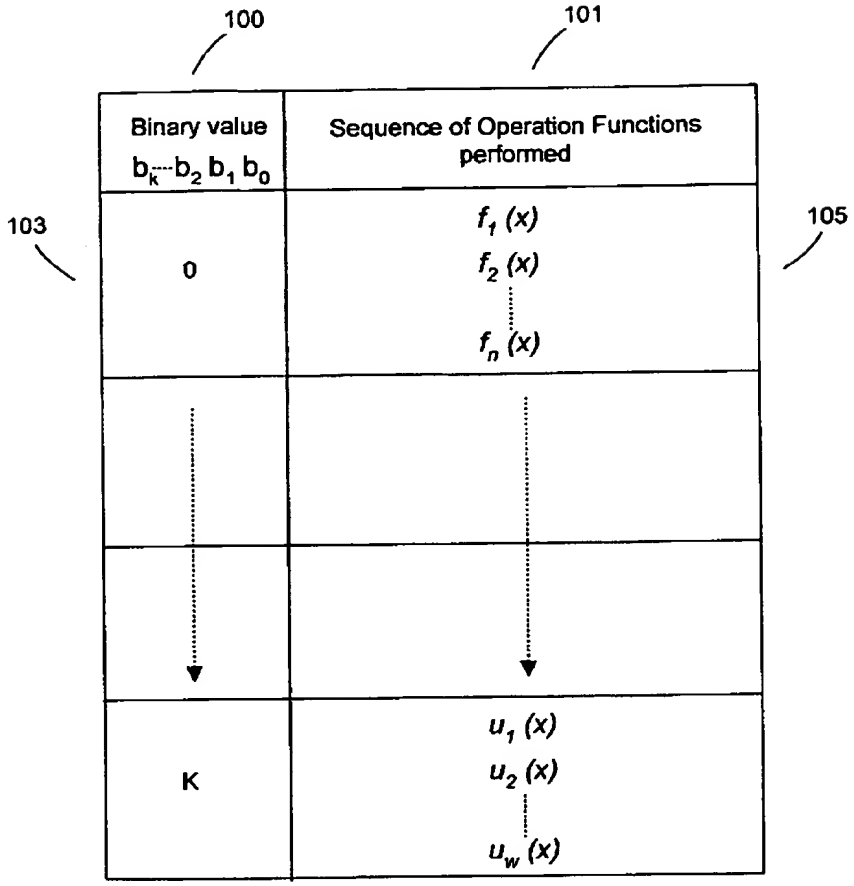

FIG. 6

Replacement Sheet

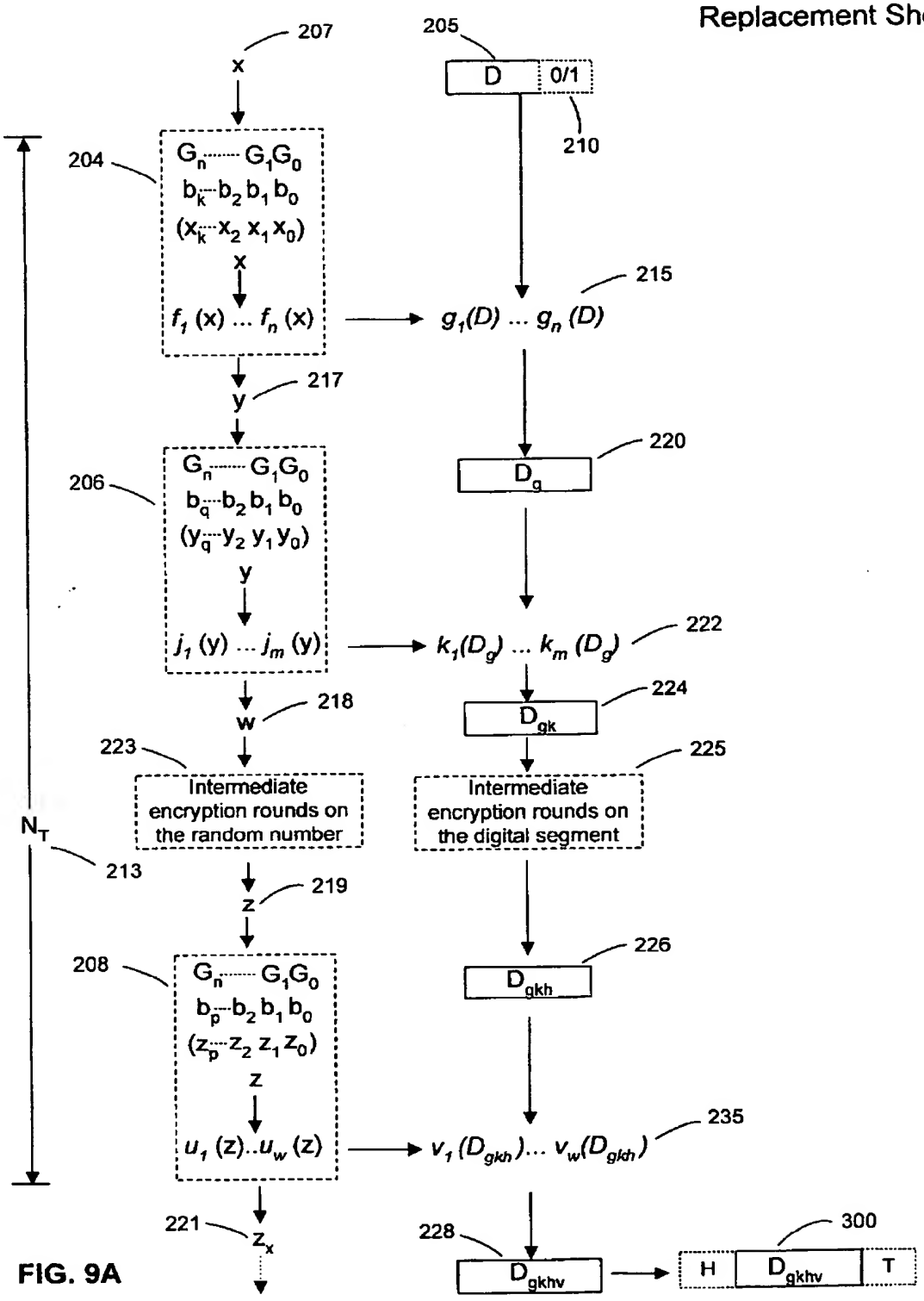

FIG. 9A